

In the Claims

1. (Original) A system for managing a network using a processor, the system configured to generate display elements comprising:
geographic elements having geographic characteristics;
network elements having network characteristics and generated for display in relation to the geographic elements; and
sectored performance elements having sector performance characteristics, each generated for display proximal to a corresponding network element.
2. (Original) The system of claim 1 further comprising a plurality of sector performance elements for each network element, each sector performance element having a corresponding performance characteristic.
3. (Previously Presented) The system of claim 1 wherein the network comprises at least one member of a group consisting of a first area for which first data may be depicted geographically and a second area for which second data may be depicted with respect to performance attributes for the sector performance elements.
4. (Previously Presented) The system of claim 1 wherein the network comprises at least one member of a group consisting of a communication network, an oil network, a gas network, a store network, a packaging network, and another business network.
5. (Previously Presented) A system for managing a network using a processor, the system configured to generate display elements comprising:
geographic elements each having at least one geographic characteristic;
network elements each having at least one network characteristic; and
sector performance elements each having at least one sector performance characteristic, each sector performance characteristic corresponding to a sector performance attribute and each sector performance element generated for display for at least one network element.
6. (Previously Presented) The system of claim 5 wherein a plurality of sector performance elements are generated for display for each network element.

7. (Previously Presented) The system of claim 5 wherein the network comprises at least one member of a group consisting of a communication network, an oil network, a gas network, a store network, a packaging network, and another business network.

8. (Previously Presented) The system of claim 5 wherein at least one network element is representative of at least one member of a group consisting of a communication network element, an oil network element, a gas network element, a store network element, a packaging network element, and another business network element.

9. (Previously Presented) The system of claim 5 wherein at least one sector performance characteristic for at least one sector performance element comprises at least one member of a group consisting of a color, a shade, a cross-hatch, a fill, and a shape.

10. (Previously Presented) The system of claim 9 wherein at least one other sector performance characteristic for the at least one sector performance element comprises at least one member of a group consisting of a second color, a second shade, a second cross-hatch, a second fill, and a second shape.

11. (Previously Presented) The system of claim 9 wherein at least one other sector performance characteristic for at least one other sector performance element comprises at least one member of a group consisting of a second color, a second shade, a second cross-hatch, a second fill, and a second shape.

12. (Previously Presented) The system of claim 5 wherein at least one sector performance element comprises at least a portion of at least one member of a group consisting of a concentric ring, a pie-shape, a circle, and a polygon.

13. (Previously Presented) The system of claim 5 wherein a plurality of the sector performance elements comprise at least a portion of at least one member of a group consisting of a plurality of stacked polygons and a plurality of concentric rings.

14. (Previously Presented) The system of claim 5 wherein at least one sector performance element comprises a shape, wherein the shape is configured to vary depending on a value of a corresponding sector performance attribute.

15. (Previously Presented) The system of claim 5 wherein at least one sector performance element has a position, and the position is configured to vary depending on a value of a corresponding sector performance attribute.

16. (Previously Presented) The system of claim 5 wherein at least one sector performance characteristic of at least one sector performance element is configured to vary depending on a value of a corresponding sector performance attribute.

17. (Previously Presented) The system of claim 5 further comprising a setting selector configured to enable configuration of at least one performance level for each sector performance attribute and to associate a specific sector performance characteristic to a specific performance level.

18. (Previously Presented) The system of claim 17 wherein the specific sector performance characteristic is generated based on a data attribute for the specific performance level.

19. (Previously Presented) A method for managing a network using a processor, the method comprising generating display elements for display, the display elements comprising:
geographic elements each having at least one geographic characteristic;
network elements each having at least one network characteristic; and
sector performance elements each having at least one sector performance characteristic, each sector performance characteristic corresponding to a sector performance attribute and each sector performance element generated for display for at least one network element.

20. (Previously Presented) The method of claim 19 further comprising generating for display a plurality of sector performance elements for each network element.

21. (Previously Presented) The method of claim 19 further comprising generating the display elements for display wherein the network comprises at least one member of a group consisting of a communication network, an oil network, a gas network, a store network, a packaging network, and another business network.

22. (Previously Presented) The method of claim 19 further comprising generating for display at least one network element representative of at least one member of a group consisting of a communication network element, an oil network element, a gas network element, a store network element, a packaging network element, and another business network element.

23. (Previously Presented) The method of claim 19 further comprising generating at least one sector performance characteristic for at least one sector performance element comprising at least one member of a group consisting of a color, a shade, a cross-hatch, a fill, and a shape.

24. (Previously Presented) The method of claim 23 further comprising generating at least one other sector performance characteristic for the at least one sector performance element comprising at least one member of a group consisting of a second color, a second shade, a second cross-hatch, a second fill, and a second shape.

25. (Previously Presented) The method of claim 23 further comprising generating at least one other sector performance characteristic for at least one other sector performance element comprising at least one member of a group consisting of a second color, a second shade, a second cross-hatch, a second fill, and a second shape.

26. (Previously Presented) The method of claim 19 further comprising generating at least one sector performance element comprising at least a portion of at least one member of a group consisting of a concentric ring, a pie-shape, a circle, and a polygon.

27. (Previously Presented) The method of claim 19 further comprising generating a plurality of the sector performance elements comprising at least a portion of at least one member of a group consisting of a plurality of stacked polygons and a plurality of concentric rings.

28. (Previously Presented) The method of claim 19 further comprising generating at least one sector performance characteristic of at least one sector performance element that varies depending on a value of a corresponding sector performance attribute.

29. (Previously Presented) The method of claim 19 further comprising generating at least one sector performance element comprising a shape, wherein the shape is configured to vary depending on a value of a corresponding sector performance attribute.

30. (Previously Presented) The method of claim 19 further comprising generating at least one sector performance element having a position, wherein the position is configured to vary depending on a value of a corresponding sector performance attribute.

31. (Previously Presented) The method of claim 19 further comprising enabling a setting selector configured to enable configuration of at least one performance level for each sector performance attribute and to associate a specific sector performance characteristic to a specific performance level.

32. (Previously Presented) The method of claim 31 further comprising generating the specific sector performance characteristic based on a data attribute for the specific performance level.

33. (Previously Presented) A system for managing a network using a processor comprising:

- a database process configured to manage network data and geospatial data;

- a geocoding process configured to receive a search criteria, to geocode the search criteria, and to obtain from the database process network data and geospatial data within a range of the geocode; and

- a communication process configured to receive the search criteria, to communicate search criteria data with the geocoding process, to receive the network data and the geospatial data from the geocoding process, and to generate the network data and the geospatial data for display to depict at least one geographic element, at least one network element, and a plurality of sector performance elements corresponding to the at least one network element, each sector performance element having at least one sector performance characteristic corresponding to at least one sector performance attribute.

34. (Previously Presented) The system of claim 33 wherein the communication process further is configured to generate the network element for display with a display characteristic corresponding to a status of the network element.

35. (Previously Presented) The system of claim 33 wherein the communication process further is configured to generate for display at least one member of a group consisting of a hot spot, a coverage area, a trouble area, a trouble ticket, the trouble ticket relative to the at least one geographic element, and the trouble ticket relative to the at least one network element.

36. (Previously Presented) The system of claim 33 wherein the network comprises at least one member of a group consisting of a communication network, an oil network, a gas network, a store network, a packaging network, and another business network.

37. (Previously Presented) The system of claim 33 wherein the search criteria comprises an address.

38. (Previously Presented) The system of claim 33 wherein the network comprises at least one member of a group consisting of a communication network, an oil network, a gas network, a store network, a packaging network, and another business network.

39. (Previously Presented) The system of claim 33 wherein at least one sector performance characteristic for at least one sector performance element comprises at least one member of a group consisting of a color, a shade, a cross-hatch, a fill, and a shape.

40. (Previously Presented) The system of claim 33 wherein at least one sector performance element comprises at least a portion of at least one member of a group consisting of a concentric ring, a pie-shape, a circle, and a polygon.

41. (Previously Presented) The system of claim 33 wherein at least one sector performance element comprises a shape, wherein the shape is configured to vary depending on a value of a corresponding sector performance attribute.

42. (Previously Presented) A method for managing a network using a processor comprising:
receiving a search criteria;

determining a geocode for the search criteria;
obtaining network data and geospatial data within a range of the geocode;
generating the network data and the geospatial data for display to depict at least one geographic element, at least one network element, and sector performance elements corresponding to the at least one network element.

43. (Previously Presented) The method of claim 42 further comprising generating the network data and the geospatial data for display to depict at least one member of a group comprising a hot spot, a coverage area, a trouble area, a trouble ticket, the trouble ticket relative to the at least one geographic element, and the trouble ticket relative to the at least one network element.

44. (Previously Presented) The method of claim 42 wherein the search criteria comprises an address.

45. (Previously Presented) The method of claim 42 further comprising generating the network data wherein the network comprises at least one member of a group consisting of a communication network, an oil network, a gas network, a store network, a packaging network, and another business network.

46. (Previously Presented) The method of claim 42 further comprising generating the network data and the geospatial data for display to depict at least one sector performance characteristic for at least one of the sector performance elements comprising at least one member of a group consisting of a color, a shade, a cross-hatch, a fill, and a shape.

47. (Previously Presented) The method of claim 42 further comprising generating the network data and the geospatial data for display to depict at least one of the sector performance elements comprising at least a portion of at least one member of a group consisting of a concentric ring, a pie-shape, a circle, and a polygon.

48. (Previously Presented) The method of claim 42 further comprising generating the network data and the geospatial data for display to depict at least one of the sector performance elements comprising a shape, wherein the shape is configured to vary depending on a value of a corresponding sector performance attribute.

49. (Previously Presented) A method for managing a network using a processor comprising:

- materializing a graphical interface;
- generating for display for the graphical interface at least one network element; and
- generating for display for the graphical interface at least one sector performance element having a sector performance characteristic;

wherein the at least one sector performance element corresponds to the at least one network element.